MECHANICAL ENGINEERING PROGRAMME AND
MECHANICAL AND AUTOMATION ENGINEERING (AY 2024-25)

Sr. No	Course Category	Course Code	Title of the Course	L	T	P	Credits
			SEMESTER - I				
1.	Major	MEC-100	Fundamentals of Mechanical Engineering	3	0	0	3
		MEC-101	Fundamentals of Mechanical Engineering Lab	0	0	1	1
2.	Minor	CIV-111	Basics of Civil Engineering	3	0	0	3
		CIV-112	Basics of Civil Engineering Lab	0	0	1	1
			OR				
		SHM-111	Biology for Engineers	3	0	0	3
		SHM-112	Biology for Engineers Lab	0	0	1	1
3.	MC	SHM-132	Applied Physics	2	0	0	2
		SHM-133	Applied Physics Lab	0	0	1	1
4.	AEC	AEC-153	Communication & Technical Writing	2	1	0	3
5.	VAC	VAC-158	Environmental Science and Sustainability	2	0	0	2
		VAC-159	Environmental Science and Sustainability Lab	0	0	1	1
6.	SEC	SEC-145	Engineering Drawing and Design Project	0	0	3	3
			Total	12	1	7	20

Sr. No	Course Category	Course Code	Title of the Course	L	T	P	Credits
			SEMESTER - II				
1.	Major	EEL-100	Fundamentals of Electrical & Electronics Engineering	3	0	0	3
		EEL-101	Fundamentals of Electrical & Electronics Engineering Lab	0	0	1	1
2.	Minor	ITH-111	Basics of Computing using Python	3	0	0	3
		ITH-112	Basics of Computing using Python Lab	0	0	1	1
			OR				
		SHM-113	Engineering Chemistry	3	0	0	3
		SHM-114	Engineering Chemistry Lab	0	0	1	1
3.	MC	SHM-134	Applied Mathematics - I	2	1	0	3
4.	AEC	AEC-151	Creative Thinking & Innovation	2	0	0	2
		AEC-152	Creative Thinking & Innovation Lab	0	0	1	1
5.	VAC	VAC-156	Indian Knowledge System	2	0	0	2
		VAC-157	Indian Knowledge System Lab	0	0	1	1
6.	SEC	SEC-141	Civil and Mechanical Workshop	0	0	3	3
			Total	12	1	7	20